

Amendments to the Claims:

This Listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-2. (Cancelled).

3. (Currently Amended) A method of monitoring for evaluating the availability of a system function in a computer system, ~~the method~~ comprising the steps of:

~~mapping of a computer system component components of the computer system~~ in a database of the computer system;

~~defining in the database for at least one system function which and how many components of the computer system are necessary at least to maintain the system function;~~

~~recording for the computer system a mapped component whether the said component is necessary for at least one the one or more system function, and, if so, for which system function the computer system function functions that are is monitored watched for availability;~~

~~maintaining for a mapped computer system component, its respective state; a state of such component; and~~

~~using, when a change in the state of the mapped component of said the computer system component has taken place or is intended, the recorded data to assess whether the availability of the computer a system function monitored for availability changes or would change as a result of the change of the state of the component supported by said component has changed or would change.~~

4.-5. (Cancelled).

6. (Currently Amended) A computer system ~~to monitor availability of a component in the computer system, the computer system comprising:~~

a mapping means mapping components of a ~~the~~ computer system ~~to in a~~ database of the computer system;

a recording means ~~for recording for a mapped component whether the said component is necessary for a one or more computer system functions function, which functions that are monitored watched for availability in the computer system;~~

a maintenance means maintaining for a mapped component, ~~its respective state the state of such component, and~~

~~a recording means for recording a system function which component and how many components are necessary at least to maintain the system function; and~~

a total failure detection means using, when a change in ~~a the state of a the computer system component of said computer system has taken place or is intended, the said recorded data to assess whether the availability of the computer system function supported by said component has changed or would change monitored for availability has changed or would change as a result of the change of the state of the component.~~

7.-10. (Cancelled).

11. (Previously Presented) The method as claimed in claim 3, further comprising the step of:

recording for each mapped component the instant at which said component is necessary.

12. (Previously Presented) A computer system as claimed in claim 6, further comprising said recording means recording for each mapped component the instant at which said component is necessary.